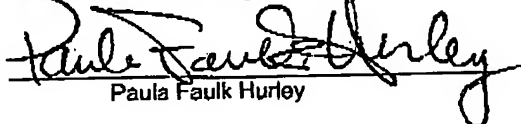


Application No.10/681,747
Attorney Docket: CPAC 1029-6

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being sent by facsimile to:
Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450 at
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Signed:


Paula Faulk Hurley

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Marcos Karnezos	Attorney Docket No.: CPAC 1029-6
Application No.: 10/681,747	Examiner: Unassigned
Filed: October 8, 2003	Group: 2811
Title: Semiconductor Multi-Package Module Having Inverted Second Package Stacked Over Die-up Flip-chip Ball Grid Array (BGA) Package	Confirmation No.: 8137
	Customer No. 22470

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56.

Enclosed with this statement is a Form PTO/SB/08A. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. 609.

Also enclosed with this statement is a copy of each cited document as required by 37 C.F.R. 1.98. However, since this application was filed after June 30, 2003, copies of U. S. Patents and U. S. Patent Application Publications are not enclosed. (Sec O. G. Notice of August 5, 2003.)

Also enclosed is a copy of a PCT Search Report mailed July 16, 2004 for a corresponding PCT Application.

Application No.10/681,747
Attorney Docket: CPAC 1029-6

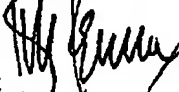
If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in 1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. 1.98(a)(3)(ii).

This statement should be considered under 37 C.F.R. 1.97(b) because it is being filed before the mailing date of the first Office Action on the merits.

Fee Authorization. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0869 (CPAC 1029-6). A duplicate copy of this authorization is enclosed.

Respectfully submitted,
Haynes Beffel & Wolfeld LLP

By:

 *By No. 33,407*
Bill Kennedy, Reg. No. 33,407

Date: August 5, 2004

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 Approved for use through 10/31/2002. OMB 0651-0031
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Substitute for form 1449A/PTO			Complete If Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/681,747	
			Filing Date	10/08/03	
			First Named Inventor	Marcos Karnezos	
			Group Art Unit	2811	
			Examiner Name	Unassigned	
Sheet	1	of	1	Attorney Docket Number	CPAC 1029-6

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code‡ (if known)			
	A1	5,994,166		Akram et al.	11-30-1999	
	A2	6,413,798		Asada	07-02-2002	
	A3	6,414,381		Takeda	07-02-2002	
	A4	6,472,741		Chen et al.	10-29-2002	
	A5	6,552,423		Song et al.	04-22-2003	
	A6	6,590,281		Wu et al.	07-08-2003	
	A7	6,649,448		Tomihara	11-18-2003	
	A8	6,593,648		Emoto	07-15-2003	
	A9	6,734,539		Degani et al.	05-11-2004	
	A10	6,746,894		Fee et al.	06-08-2004	
	A11					
	A12					
	A13					
	A14					
	A15					
	A16					
	A17					
	A18					
	A19					
	A20					

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.†	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office‡	Number‡	Kind Code‡ (if known)			
	B1	KR	2001068614	A	Hynix Semiconductor	07-23-2001	
	B2				Inc.		
	B3						
	B4						
	B5						
	B6						
	B7						
	B8						
	B9						
	B10						

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

† Unique citation designation number. ‡ See attached Kinds of U.S. Patent Documents. § Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ¶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ¶ Applicant is to place a check mark here if English language Translation is attached.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/31987

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H01L 23/02; H05K 7/20

US CL : 257/678,685-687,706,712,713, 720, 723,724,738,773,778-780,784,787,790,796; 361/704,705,707,709-711

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 257/678,685-687,706,712,713, 720, 723,724,738,773,778-780,784,787,790,796; 361/704,705,707,709-711

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US 6,414,381A (Takeda) 2 July 2002, col. 8 lines 35-67, col. 10 lines 15-67, and col. 11 lines 1-67.	1-9,11, 12, 15-17,19-34,38-40,43-55,57-64,66-70,72-90, 93-103,105-109, 112,113, 115-128, 131-147, 150, 151,153-168,174-176,178-188,190-200
Y,P	US 5,994,166A (Akram et al.) 30 November 1999, col. 7 lines 27-67 and col. 8 lines 1-65.	10,18,41,71,169-173,189
Y,P	US 6,649,448A (Tomihara) 18 November 2003, col. 7 lines 50-65, col. 8 1-65, and col. 9 lines 1-67.	37,42,65,104,114,152, 177
Y,P	US 6,734,539A (Depani et al.) 11 May 2004, col. 1 lines 25-60 and col. 5 lines 15-65.	56,91,92,129,130
Y,P	US 6,552,423A (Song et al.) 22 April 2003, col. 3 lines 52-63.	13,14,35,36,110,111,148,149,

☐ Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed



"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention



"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone



"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art



"Z" document member of the same patent family

Date of the actual completion of the international search

01 June 2004 (01.06.2004)

Date of mailing of the international search report

16 JUN 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US

Commissioner for Patents

P.O. Box 1450

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Form PCT/ISA/210 (second sheet) (July 1998)